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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/384,650	08/27/99	MICHAEL	J D-1079-DIV

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PM82/0301

EXAMINER

BUTLER, M

ART UNIT	PAPER NUMBER
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3651

DATE MAILED: 03/01/00

*6*

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

# Office Action Summary

Application No.  
**09/384,650**

Applicant  
**Michael et al.**

Examiner  
**Michael E. Butler**

Group Art Unit  
**3651**



☒ Responsive to communication(s) filed on Dec 13, 1999

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claim

☒ Claim(s) 40-62 is/are pending in the application

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 40-62 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☒ None of the CERTIFIED copies of the priority documents have been  
☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☒ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

## DETAILED ACTION

### *Election/Restriction*

1. Applicant's election with traverse of in Paper No. 5 is acknowledged. The applicant's request for withdrawal of the restriction requirement is withdrawn.

### *Claim Rejections - 35 USC § 112*

2. The following is a quotation of the first paragraph of 35 U.S.C. 112:  
The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.
3. Claims 49, 60, and 62 are rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The dispensing of the support cards cannot be found within the specification.
4. The following is a quotation of the second paragraph of 35 U.S.C. 112:  
The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
5. Claims 40-60 are rejected under 35 U. S. C. 112 second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The applicant has conjoined elements using 'or' creating vague and indefinite claims (claim 40L 6; claim 42 L 1; cl 52 L 13; cl 53 L 18). The applicant should restructure the elements using a Markush grouping if coverage encompassing alternative elements is sought in the claims, "at least one of" if broad coverage is sought, or conjoin the elements with "and" for

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narrow coverage. These claims have been otherwise examined on the merits presuming the use of a Boolean "OR".

***Claim Rejections - 35 USC § 102***

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States
- (c) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

7. Claims 40, 42, 43, and 46-47 are rejected under 35 U.S.C. 102(e) as being anticipated by Higham et al. '366. Higham et al '366 discloses: (Re: cl 40, 52, 53) moving the dispenser module from a position within the enclosure to a position outside the enclosure (col. 18 L 43-44); adding or removing at least one medical item from the holder while outside the enclosure (col. 18 L 45-47); moving the dispenser from outside the enclosure to within the enclosure such that the holder is within the enclosure (col. 22 L 10-15); (Re: cl 42) manually adding or removing at least one medical item from the holder (col. 18 L 43-45); (Re: cl 43) moving the dispenser out of the enclosure so as to make it manually accessible (col. 18 L 43-44); (Re: cl 46,57) reading indicia on a reference surface (col. 5 L 3-18); (Re: cl 47,58) moving the cover to the up position prior to moving the cover to the down position (col. 23 L 30-56).

8. Claims 40, 42, 43, 49, 60, 50, 51, and 61 are rejected under 35 U.S.C. 102(b) as being anticipated by Blechle. Blechle discloses: (Re: cl 40, 52, 53) moving the dispenser module from a position within the enclosure to a position outside the enclosure (col. 3 L 52-col. 4 L 2); adding

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or removing at least one medical item from the holder while outside the enclosure (col. 2 L 22-24 ; col. 3 L 52-col. 4 L 2); moving the dispenser from outside the enclosure to within the enclosure such that the holder is within the enclosure (col. 3 L 52-col. 4 L 2); (Re: cl 42) manually adding or removing at least one medical item from the holder (col. 3 L 52-col. 4 L 2); (Re: cl 42) moving the dispenser out of the enclosure so as to make it manually accessible (col. 3 L 52-col. 4 L 2); moving the dispenser module within the enclosure and adjacent to the path;(RE: cl 50) providing the holder with a plurality of items arranged in a stack (col. 7 L 46-col. 8 L 13); engaging a follower in engagement with the stack (col. 7 L 46-col. 8 L 13); (Re: cl 51) adding a plurality of medical items to the holder in side by side relation to a stack (col. 5 L 61-68); (Re: cl 61) providing an enclosure with a delivery area accessible from outside the enclosure providing a first dispenser module within the enclosure, wherein dispenser module includes a plurality of medical items and is selectively operative to dispense first medical items therefrom;providing a second dispenser module in the enclosure in supporting connection with the enclosure through a second support, wherein second and first supports are interchangeably engageable to support the first or second dispenser modules, and second dispenser includes a plurality of second medical items selectively operative to dispense the second medical items therefrom, wherein second medical items are dispensed from the second dispenser in the enclosure (col. 2 L 13-31); dispensing at least one of a first or second medical item to the delivery area (col. 7 L 46-col. 8 L 13).

***Claim Rejections - 35 USC § 103***

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claims 40-43, 46-47, 49, 52-54, 57-58, 60, and 62 are rejected under 35 U.S.C. 103(a) as being unpatentable over Higham et al. '366. Higham et al. '366 the elements previously disclosed and further discloses: (Re: cl 41, 52-53) opening the door prior to moving the holder outside the enclosure (col. 18 L 45-47); (Re: cl 49, 60, 62) dispensing a first medical item including a supporting card from the module (col.18 L 1-15; Fig. 3, # 52); dispensing a second medical item including a cylindrical holding container from the dispenser module( Fig. 21 , #260). Higham et al. '366 does not disclose: closing the door after moving the holder inside the enclosure; that the cylindrical holding container contains a liquid. Higham et al. '366 does disclose a closed door (col. 18 L 43-47; Fig. 1, # 16). It would have been obvious to close the door after moving the holder inside the enclosure because the door was closed before the procedure commenced, the door may only be closed after the holder is inside the closure. Therefore it would have been obvious to close the door after the holder is within the enclosure because closing the door limits access, protects the holder, and facilitates portability of the dispenser as taught by Higham et al. '366. The examiner takes official notice that the use of cylindrical holding containers is well known in the medical products art. It would have been obvious to use a cylindrical holding container in the dispensing of medical products because cylindrical holding containers are sturdy and permit easy access to the contents.

11. Claims 40-43, 44, 46-49, 52-60, 62 are rejected under 35 U.S.C. 103(a) as being unpatentable over Higham et al. '366 in view of Kraft et al.. Higham et al. '366 discloses the elements previously discussed. Higham et al. '366 does not disclose: engaging a helix within

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the holder a rotating mechanism; engaging a holder guide wherein the first portion of the holder guide is extended in an inside are within the helix and a second portion outside the helix; placing a medical item in engagement with each of a pair of helixes; extending a limiting member within the inside of the helix, wherein the limiting member prevents medical items from passing through the inside of the helix.

Kraft et al. discloses: (Re: cl 44,55) engaging a helix within the holder a rotating mechanism; engaging a holder guide wherein the first portion of the holder guide is extended in an inside are within the helix and a second portion outside the helix (col. 8 L 25-67); (Re: cl 45,56) placing a medical item in engagement with each of a pair of helixes (col. 5 L 21-37; col. 7 L 26-38; col. 8 L 25-67); (Re: cl 48,59) extending a limiting member within the inside of the helix, wherein the limiting member prevents medical items from passing through the inside of the helix (col. 8 L 25-67). It would have been obvious for Higham et al. '366 to engage such a helix because such action facilitates dispensing of bulk medications as taught by Kraft et al.. It would have been obvious for Higham et al. '366 to place a medical item in engagement with each of a pair of helixes because placing the medical item in engagement is a necessary precursor to the dispensing of bulk medical items as taught by Kraft et al.. It would have been obvious for Higham et al. '366 to extend a limiting member within the inside of the helix because such a limiting member prevents extraneous dispensing of medicine as taught by Kraft et al..

12. Claims 40, 42, 43, 44, 46, 48-50, 51, 55-56, 59-62 are rejected under 35 U.S.C. 103(a) as being unpatentable over Blechle in view of Kraft et al.. Blechle discloses the elements previously discussed. Blechle does not disclose: engaging a helix within the holder a rotating mechanism; engaging a holder guide wherein the first portion of the holder guide is extended in an inside are within the helix and a second portion outside the helix; placing a medical item in

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engagement with each of a pair of helixes; extending a limiting member within the inside of the helix, wherein the limiting member prevents medical items from passing through the inside of the helix.

Kraft et al. discloses: (Re: cl 44,55) engaging a helix within the holder a rotating mechanism; engaging a holder guide wherein the first portion of the holder guide is extended in an inside are within the helix and a second portion outside the helix (col. 8 L 25-67); (Re: cl 45,56) placing a medical item in engagement with each of a pair of helixes (col. 5 L 21-37; col. 7 L 26-38; col. 8 L 25-67); (Re: cl 48,59) extending a limiting member within the inside of the helix, wherein the limiting member prevents medical items from passing through the inside of the helix (col. 8 L 25-67). It would have been obvious for Blechle to engage such a helix because such action facilitates dispensing of bulk medications as taught by Kraft et al.. It would have been obvious for Blechle to place a medical item in engagement with each of a pair of helixes because placing the medical item in engagement is a necessary precursor to the dispensing of bulk medical items as taught by Kraft et al.. It would have been obvious for Blechle to extend a limiting member within the inside of the helix because such a limiting member prevents extraneous dispensing of medicine as taught by Kraft et al..

13. Claims 40-43, 46-47, 49, 50-54, 57-62 are rejected under 35 U.S.C. 103(a) as being unpatentable over Higham et al. '366 in view of Blechle. Higham et al. '366 the elements previously disclosed and further discloses: (Re: cl 41, 52-53) opening the door prior to moving the holder outside the enclosure (col. 18 L 45-47); (Re: cl 49, 60, 62) dispensing a first medical item including a supporting card from the module (col.18 L 1-15; Fig. 3, # 52); dispensing a second medical item including a cylindrical holding container from the dispenser module( Fig. 21 , #260). Higham et al. '366 does not disclose: closing the door after moving the holder inside



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the enclosure; that the cylindrical holding container contains a liquid ; providing the holder with a plurality of items arranged in a stack ; engaging a follower in engagement with the stack adding a plurality of medical items to the holder in side by side relation to a stack . Higham et al. '366 does disclose a closed door (col. 18 L 43-47; Fig. 1, # 16). It would have been obvious to close the door after moving the holder inside the enclosure because the door was closed before the procedure commenced, the door may only be closed after the holder is inside the closure. Therefore it would have been obvious to close the door after the holder is within the enclosure because closing the door limits access, protects the holder, and facilitates portability of the dispenser as taught by Higham et al. '366. Blechle discloses the use of cylindrical holding containers for liquids (col. 8 L 18-36); providing the holder with a plurality of items arranged in a stack (col. 7 L 46-col. 8 L 13); engaging a follower in engagement with the stack (col. 7 L 46-col. 8 L 13); (Re: cl 51) adding a plurality of medical items to the holder in side by side relation to a stack (col. 5 L 61-68). It would have been obvious to use a cylindrical holding container in the dispensing of medical products because cylindrical holding containers are sturdy and permit easy access to the contents as taught by Blechle. It would have been obvious to a holder with a plurality of items arranged in a stack because such a dispensing arrangement facilitates repetitive dispensing of common sized items as taught by Blechle. It would have been obvious to engage a follower with the stack because such an engagement permits medication to be dispensed in a two phase approach facilitating dispensing in a secure way. It would have been obvious to place a plurality of medical items in side by side relation to the stack because such an arrangement facilitates the storing and dispensing of medications of varying sizes as taught by Blechle.

### ***Conclusion***

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14. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

15. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Exmr. Michael E. Butler whose telephone number is (703) 308-8344.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Ellis, can be reached on (703) 308-2560. The fax number for the Group is (703) 305-7687.

*Michael E. Butler*

Michael E. Butler

Examiner

*David H. Bollinger*  
DAVID H. BOLLINGER  
PRIMARY EXAMINER 2/25/00